

## **(H64) Certificate**

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This program is designed to prepare a student for employment in the field of microprocessors. The students will be working with robots and the microprocessor controllers and sensors used in industry.

### **Work and Employment**

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Computer technicians must be familiar with technical manuals and diagnostic programs for various pieces of computer equipment or systems. Some technicians may specialize in maintaining a particular brand or type of equipment or system, or in performing a certain type of repair.

### **Program Contacts at Sauk Valley Community College**

Counseling Office, 815/835-6354;

Jeffrey Johnson, Assistant Professor of Electronics, 815/835-6282;

Steven McPherson, Assistant Professor of Electronics/Technology, 815/835-6347.

### **Major Field Requirements**

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- Mathematics (MAT 106 or higher) 3 Semester hour(s)
- EET 110 - Introduction to Digital Electronics 4 Semester hour(s)
- EET 218 - Microprocessor Architecture and Applications 4 Semester hour(s)
- EET 245 - Programmable Controllers 3 Semester hour(s)
- EET 252 - Industrial Electronics 3 Semester hour(s)
- EET 261 - Advanced Programmable Controllers 3 Semester hour(s)

Total Hours Required for Certificate: 20

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